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Information Hyperlinked over Proteins

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Symbol	Name
RALBP1	RalA binding protein 1

Synonyms	Organism
76-kDa Ral-interacting protein,	Homo sapiens
Dinitrophenyl S-glutathione	
ATPase, DNP-SG ATPase, ralA	
binding protein 1, RalBP1, Ral	
interacting protein 1, RIP, RIP1,	
RLIP1, RLIP76	

UniProt	Q15311
OMIM	605801
NCBI Gene	10928
NCBI RefSeq	NP_006779
NCBI Accession	AAB00103, AAH13126, BC013126

Homologues of RALBP1 ... 🔳📶

Definitions for RALBP1 ... 🔳

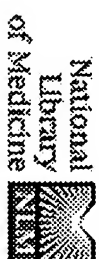**Enhanced PubMed/Google query ...** 🔳📶

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Stress-pre-conditioned cells with induced hGSTS5.8 and **RLIP76** acquired resistance to 4-HNE and H2O2-mediated apoptosis by **suppressing** a sustained activation of c-Jun N-terminal kinase and <u>caspase 3</u>.

Importantly, Vpr and <u>Rip-1</u> **coimmunoprecipitated** with the human **GR** as part of an activated receptor complex.

Present studies have identified the <u>ATP binding</u> sites in **RLIP76**, and show that DOX and COL transport can be reconstituted by two fragments of **RLIP76**.

Ral and **POB1** simultaneously interacted with <u>RalBP1</u> in <u>COS cells</u>.

POB1 is a <u>binding protein</u> of <u>RalBP1</u> and has the **Eps15** homology (EH) domain.

In a second step, **TRADD** and **RIP1** associate with **FADD** and caspase-8, forming a cytoplasmic complex (complex II).

Ral-binding protein 1 (**RalBP1**) is a putative effector protein of Ral and exhibits a GTPase **activating** activity for Rac and <u>CDC42</u>.

These results suggest that **RalBP1** makes a **complex** with **POB1** and that this complex may provide a link between tyrosine kinase, Src homology 3 (SH3)-containing protein, and Ral.

When tested, <u>RIP1</u> could **activate** the GTPase activity of <u>CDC42</u> and, to a lesser extent, <u>Rac1</u> but not <u>RhoA</u>, Ras, or Ral.

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Most Recent Queries

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#34	Search #33 and #25	16:34:17	10
#33	Search #32 AND #28	16:33:46	23
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#29	Search #28 AND #27	16:31:53	9
#28	Search "RALBP-1" [TIAB] OR "RALBP 1" [TIAB] OR "RALBP1" [TIAB] OR "RIP" [TIAB] OR "ralA binding protein 1" [TIAB] OR "ralA-binding-protein-1" [TIAB] OR "RLIP-76" [TIAB] OR "RLIP 76" [TIAB] OR "RLIP76" [TIAB] OR "RIP-1" [TIAB] OR "RIP 1" [TIAB] OR "RIP1" [TIAB] OR "RalBP-1" [TIAB] OR "RalBP 1" [TIAB] OR "RalBP1" [TIAB] OR "Ral interacting protein 1" [TIAB] OR "Ral-interacting-protein-1" [TIAB] OR "Ral interacting protein" [TIAB] OR "76-kDa-Ral-interacting-protein" [TIAB] OR "76 kDa Ral interacting protein" [TIAB] OR "Dinitrophenyl S-glutathione ATPase" [TIAB] OR "Dinitrophenyl-S-glutathione-ATPase" [TIAB] OR "Dinitrophenyl S glutathione ATPase" [TIAB] OR "DNP-SG ATPase" [TIAB] OR "DNP SG ATPase" [TIAB] OR "DNP-SG-ATPase" [TIAB] OR "RLIP-1" [TIAB] OR "RLIP 1" [TIAB] OR "RLIP1" [TIAB]	16:23:32	1414
#27	Search #25 and #24	16:22:20	99
#26	Search #25 and #26	16:21:54	0
#25	Search antibodies or antibody	16:21:45	819758
#24	Related Articles for PubMed (Select 12632061)	16:21:16	372

#23 Search antiRLIP76 Field: All Fields   16:20:54   0

#22 Search antiRLIP76 Limits: Publication Date to 2002   16:20:44   0

#20 Search anti-RLIP76 Limits: Publication Date to 2002   16:20:04   1

#18 Search (cancer antibodies) AND ("RALBP-1" [TIAB] OR "RALBP 1" [TIAB] OR   16:19:29   48
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#4 Search #2 AND #3 Field: Title/Abstract, Limits: Review   11:16:58   40

#3 Search expression Field: Title/Abstract, Limits: Review   10:26:20   47793

#2 Search matrix metalloproteinase Field: Title/Abstract, Limits: Review   10:26:06   149

#1 Search matrix metalloproteinase   10:25:44   13000

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